```
=> fil reg
FILE 'REGISTRY' ENTERED AT 12:36:12 ON 17 AUG 2006

=> d his ful


      FILE 'HCAPLUS' ENTERED AT 10:37:51 ON 17 AUG 2006
L1           1 SEA ABB=ON  US20050014220/PN
               SEL RN


      FILE 'REGISTRY' ENTERED AT 10:39:10 ON 17 AUG 2006
L2          17 SEA ABB=ON  (477950-55-3/BI OR 477950-56-4/BI OR
               477950-57-5/BI OR 477950-58-6/BI OR 477991-18-7/BI OR
               477991-19-8/BI OR 477991-20-1/BI OR 477991-21-2/BI OR
               477994-28-8/BI OR 477994-29-9/BI OR 477994-30-2/BI OR
               477994-31-3/BI OR 477994-32-4/BI OR 477994-33-5/BI OR
               477994-34-6/BI OR 477994-35-7/BI OR 60202-16-6/BI)
L3             STR
L4          45 SEA SSS SAM L3
L5             STR L3
L6           5 SEA SSS SAM L5
L7         844 SEA SSS FUL L3
L8           5 SEA SUB=L7 SSS SAM L5
L9           0 SEA ABB=ON  L7 AND L2
L10         39 SEA SUB=L7 SSS FUL L5
               SAV L7 HEA360/A
               SAV L10 HEA360A/A


      FILE 'HCAPLUS' ENTERED AT 11:45:46 ON 17 AUG 2006
L11         19 SEA ABB=ON  L10
L12        308 SEA ABB=ON  L7
L13        289 SEA ABB=ON  L12 NOT L11
L14          1 SEA ABB=ON  US20050004009/PN
               SEL RN


      FILE 'REGISTRY' ENTERED AT 12:46:12 ON 17 AUG 2006
L15         28 SEA ABB=ON  (286465-43-8/BI OR 286465-44-9/BI OR
               400628-17-3/BI OR 725233-52-3/BI OR 725233-53-4/BI OR
               725233-54-5/BI OR 725233-55-6/BI OR 725233-56-7/BI OR
               725233-57-8/BI OR 725233-59-0/BI OR 725233-60-3/BI OR
               725233-61-4/BI OR 725233-62-5/BI OR 725233-63-6/BI OR
               725233-64-7/BI OR 725233-65-8/BI OR 725233-66-9/BI OR
               725233-67-0/BI OR 725233-68-1/BI OR 751481-25-1/BI OR
               751481-26-2/BI OR 751481-27-3/BI OR 751481-28-4/BI OR
               752718-90-4/BI OR 752718-91-5/BI OR 752718-92-6/BI OR
               752718-93-7/BI OR 752718-94-8/BI)
L16         22 SEA ABB=ON  L7 AND L15
L17          6 SEA ABB=ON  L15 NOT L16


      FILE 'HCAPLUS' ENTERED AT 12:47:01 ON 17 AUG 2006
L18          6 SEA ABB=ON  L16
L19         19 SEA ABB=ON  L18 OR L11
L20         73 SEA ABB=ON  L13 AND PHARM?/SC,SX
L21          5 SEA ABB=ON  L20 AND PEPTIDOMIMET?
L22         12 SEA ABB=ON  L13 AND PEPTIDOMIMET?
L23         12 SEA ABB=ON  L21 OR L22
L24          7 SEA ABB=ON  L13 AND ?INFLAMM?
L25         19 SEA ABB=ON  L23 OR L24
L26     797385 SEA ABB=ON  CANCER? OR CARCINOMA? OR MELANOMA? OR
               NEOPLAS? OR ?TUMOR? OR ?TUMOUR? OR MALIGNAN?
L27         20 SEA ABB=ON  L20 AND L26
```
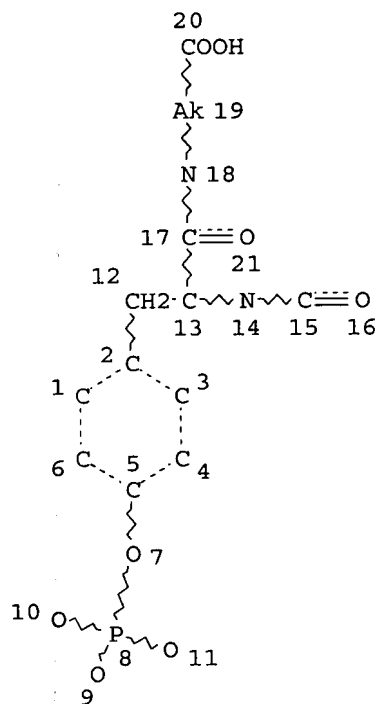
L28   32 SEA ABB=ON   L25 OR L27

=> d que l11
L3   STR

```
                 20
                 COOH
                 �versicle
                 Ak 19
                 〰
                  N 18
                 〰
            17 C≡O
        12      〰   21
         CH2·C〰N〰C≡O
         〰   13   14   15   16
       2  C
    1  C        C 3
          〰
    6  C    5   C 4
           C
          〰
          O 7
          〰
  10  O〰    〰
       P〰 O 11
      〰8
      O
      9
```
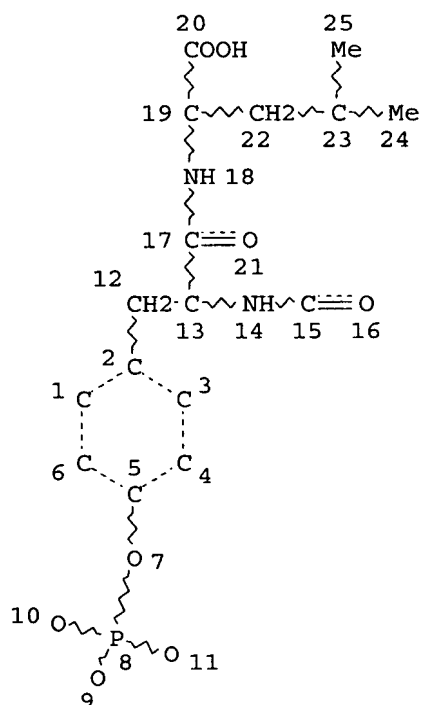
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 21

STEREO ATTRIBUTES: NONE
L5   STR

```
        20          25
        COOH        Me
        ⌇           ⌇
    19 C〜〜CH2〜C〜〜Me
        ⌇     22    23  24
        NH 18
        ⌇
    17 C══O
   12   ⌇    21
      CH2-C〜〜NH〜C══O
        ⌇   13   14   15   16
     2 C
  1 C ˙˙˙ C 3
        ⌇
  6 C  5 ˙˙ C 4
        C
        ⌇
        O 7
        ⌇
 10 O〜〜P〜〜O 11
      ⌇  8
      O
      9
```

NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 25

STEREO ATTRIBUTES: NONE
L7   844 SEA FILE=REGISTRY SSS FUL L3
L10   39 SEA FILE=REGISTRY SUB=L7 SSS FUL L5
L11   19 SEA FILE=HCAPLUS ABB=ON L10

=> d que 128
L3   STR

NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 21

STEREO ATTRIBUTES: NONE
L5   STR

NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 25

STEREO ATTRIBUTES: NONE
L7   844 SEA FILE=REGISTRY SSS FUL L3
L10   39 SEA FILE=REGISTRY SUB=L7 SSS FUL L5
L11   19 SEA FILE=HCAPLUS ABB=ON L10
L12   308 SEA FILE=HCAPLUS ABB=ON L7
L13   289 SEA FILE=HCAPLUS ABB=ON L12 NOT L11
L20   73 SEA FILE=HCAPLUS ABB=ON L13 AND PHARM?/SC,SX
L21   5 SEA FILE=HCAPLUS ABB=ON L20 AND PEPTIDOMIMET?
L22   12 SEA FILE=HCAPLUS ABB=ON L13 AND PEPTIDOMIMET?
L23   12 SEA FILE=HCAPLUS ABB=ON L21 OR L22
L24   7 SEA FILE=HCAPLUS ABB=ON L13 AND ?INFLAMM?
L25   19 SEA FILE=HCAPLUS ABB=ON L23 OR L24
L26   797385 SEA FILE=HCAPLUS ABB=ON CANCER? OR CARCINOMA? OR
                  MELANOMA? OR NEOPLAS? OR ?TUMOR? OR ?TUMOUR? OR
                  MALIGNAN?
L27   20 SEA FILE=HCAPLUS ABB=ON L20 AND L26
L28   32 SEA FILE=HCAPLUS ABB=ON L25 OR L27

=> fil hcap
FILE 'HCAPLUS' ENTERED AT 12:36:32 ON 17 AUG 2006

=> d l11 1-19 ibib abs hitstr hitind

L11 ANSWER 1 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2006:307869 HCAPLUS
DOCUMENT NUMBER: 145:483
TITLE: Selective Inhibition of ErbB2-Overexpressing
                         Breast Cancer In vivo by a Novel TAT-Based
                         ErbB2-Targeting Signal Transducers and
                         Activators of Transcription 3 Blocking Peptide
AUTHOR(S):   Tan, Ming; Lan, Keng-Hsueh; Yao, Jun; Lu,
                         Chien-Hsing; Sun, Menghong; Neal, Christopher
                         L.; Lu, Jing; Yu, Dihua
CORPORATE SOURCE: Departments of Surgical Oncology and Molecular
                         and Cellular Oncology, The University of Texas
                         M.D. Anderson Cancer Center, Houston, TX,
                         77030, USA
SOURCE: Cancer Research (2006), 66(7), 3764-3772
                         CODEN: CNREA8; ISSN: 0008-5472
PUBLISHER: American Association for Cancer Research
DOCUMENT TYPE: Journal
LANGUAGE: English

AB   ErbB2 is an excellent target for cancer therapies. Unfortunately,
     the outcome of current therapies for ErbB2-pos. breast cancers
     remains unsatisfying due to resistance and side effects. New
     therapies for ErbB2-overexpressing breast cancers continue to be
     in great need. Peptide therapy using cell-penetrating peptides
     (CPP) as peptide carriers is promising because the internalization
     is highly efficient, and the cargoes delivered can be bioactive.
     However, the major obstacle in using these powerful CPPs for
     therapy is their lack of specificity. Here, we sought to develop
     a peptide carrier that could introduce therapeutics specifically
     to ErbB2-overexpressing breast cancer cells. By modifying the HIV
     TAT-derived CPP and conjugating anti-HER-2/neu peptide mimetic

10/784,309

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NEWS 1   Web Page for STN Seminar Schedule - N. America
NEWS 2   JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 3   JAN 16 CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 4   JAN 16 IPC version 2007.01 thesaurus available on STN
NEWS 5   JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 6   JAN 22 CA/CAplus updated with revised CAS roles
NEWS 7   JAN 22 CA/CAplus enhanced with patent applications from India
NEWS 8   JAN 29 PHAR reloaded with new search and display fields
NEWS 9   JAN 29 CAS Registry Number crossover limit increased to 300,000 in
                  multiple databases
NEWS 10   FEB 15 PATDPASPC enhanced with Drug Approval numbers
NEWS 11   FEB 15 RUSSIAPAT enhanced with pre-1994 records
NEWS 12   FEB 23 KOREAPAT enhanced with IPC 8 features and functionality
NEWS 13   FEB 26 MEDLINE reloaded with enhancements
NEWS 14   FEB 26 EMBASE enhanced with Clinical Trial Number field
NEWS 15   FEB 26 TOXCENTER enhanced with reloaded MEDLINE
NEWS 16   FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 17   FEB 26 CAS Registry Number crossover limit increased from 10,000
                  to 300,000 in multiple databases
NEWS 18   MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 19   MAR 16 CASREACT coverage extended
NEWS 20   MAR 20 MARPAT now updated daily
NEWS 21   MAR 22 LWPI reloaded
NEWS 22   MAR 30 RDISCLOSURE reloaded with enhancements
NEWS 23   APR 02 JICST-EPLUS removed from database clusters and STN
NEWS 24   APR 30 GENBANK reloaded and enhanced with Genome Project ID field
NEWS 25   APR 30 CHEMCATS enhanced with 1.2 million new records
NEWS 26   APR 30 CA/CAplus enhanced with 1870-1889 U.S. patent records
NEWS 27   APR 30 INPADOC replaced by INPADOCDB on STN
NEWS 28   MAY 01 New CAS web site launched
NEWS 29   MAY 08 CA/CAplus Indian patent publication number format defined
NEWS 30   MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display
                  fields
NEWS 31   MAY 21 BIOSIS reloaded and enhanced with archival data
NEWS 32   MAY 21 TOXCENTER enhanced with BIOSIS reload
NEWS 33   MAY 21 CA/CAplus enhanced with additional kind codes for German
                  patents
NEWS 34   MAY 22 CA/CAplus enhanced with IPC reclassification in Japanese
                  patents

 NEWS EXPRESS   NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
                MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
                AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.